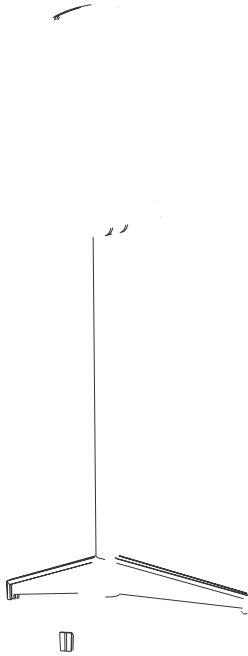# Digital BA7500™

5.1 Dolby® Digital Surround Speaker System

Slimline Speaker Technology™ (SST™)

4-Channel Sound Card Compatibility

Specifications

FREQUENCY RESPONSE (±3dB)	45Hz - 20,000Hz
MAXIMUM SOUND PRESSURE LEVEL (0.7m)	107dB
SUBWOOFER	$6^{1/2}$" (165mm)
SATELLITES	SST™ Panels
CROSSOVER FREQUENCY	170Hz
DIMENSIONS (HxWxD)	Subwoofer $11^{3/4}$ x 7 x $14^{5/8}$" (299 x 178 x 372mm) Satellites (h x w x d / without stand) $9^{11/16}$ x $4^{1/16}$ x $1^{1/8}$" (246 x 103 x 29mm)
WEIGHT	Subwoofer 11.1 lbs. (5.0 kg) Satellites 0.8 lbs. (0.4 kg) each (without stand)
FINISH	Computer Gray & Charcoal Screen

Description

Quality theater audio for the desktop has arrived. Using an internal Dolby® Digital surround processor, the Digital BA7500 delivers 5.1 movie audio from your PC's DVD-ROM without the need for a separate receiver or decoder. Four Boston SST™ (Slimline Speaker Technology™) satellites, an amplified subwoofer and the processor's "virtualized" center create six distinct cinema sound fields. With a 4-channel sound card, it brings multi-channel PC gaming to a new level of realism. As a stereo music system, the BA7500 has maintained the highest level of fidelity, equal in performance to some shelf monitors.

Building on Boston's proven 6½" bandpass subwoofer, the technological highlight of the Digital BA7500 is the four SST satellites. Boston sets the standard: The technology found in the SST's allows us to deliver the same high-fidelity audio found in Boston's larger home theater products and still maintain a sleek, attractive profile. Front pedestal stands, rear tower stands, a desktop audio control pod and extra-long surround cables make for easy 3D positioning and operation. Desktop controls include Master Volume, Surround Volume, Surround Balance and Subwoofer Level. Each satellite is protected by magnetic shielding to prevent video interference.

This Package Contains:

1 Amplified subwoofer
2 Front SST satellite speakers with captive cords
2 Rear SST satellite speakers with 20' captive cords
3 Satellite speaker desktop stands
1 Audio controls pod/stand with captive DIN cable
1 Digital input RCA cable
1 Unified stereo analog cable for front and rear input
1 8" "Y" adapter cord for rear speaker output
4 Self-adhesive rubber feet for subwoofer
1 Pack of self-adhesive rubber feet for satellites
1 Transformer with power cord
1 RCA-to-phono adapter
2 Rear surround tower stands

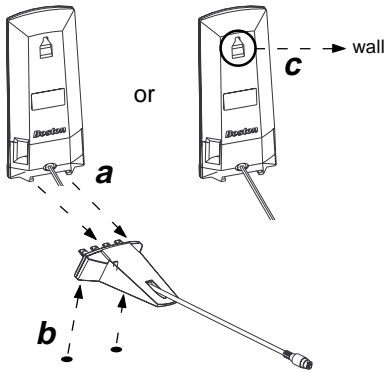## Additional Features:

Manual on/off control
    (Turn "Volume" control far left)

Optional Virtualized Dolby Surround effect when used as a 3-piece system

Variable desktop audio controls
    (Master Volume, Surround Volume,
     Surround Balance & Subwoofer Levels)

Long rear speaker cords and tower stands for accurate positioning

Dolby® Digital (AC-3) processing built in and/or 4-channel sound card compatibility

Keyhole hooks on all satellites for wall mounting

NOTE: Words in **bold** are parts included in your package; see appendix for parts list and illustrations.

1. Front Speaker Assembly

a) For desk or shelftop positioning, use the 3 **desktop stands** and 1 integrated **audio control pod/stand** (normally placed on right side of monitor). Simply slide each stand's lip into the **SST satellite speaker**'s underside groove.

b) Attach **rubber pads** to bottom tips of each desktop stand. The rubber pads absorb vibrations between the speaker and the desktop for a cleaner sound.

c) Optionally, the two rear speakers (or all four) may be wall mounted using the formed keyhole on the rear panel of each satellite speaker. Any standard nail, picture hook, etc. will work. (Not included. Consult a knowledge-able installer about the proper hardware to use on your wall.)

d) Connect each of the front two **SST satellites** to their respective red or white RCA jack on the rear of the **subwoofer** (labeled "Front Speakers"). Red is the right front; white is the left front.
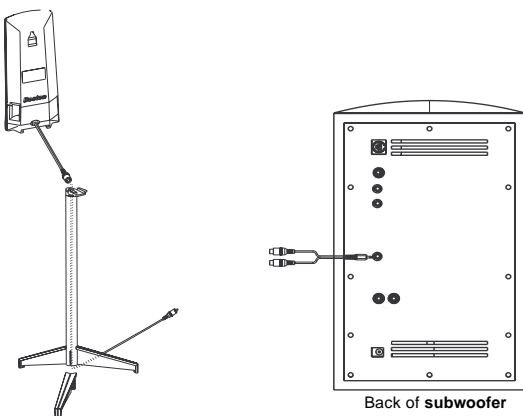
e) Adhere **subwoofer's rubber feet** to each corner.

2. Rear Speaker & Tower Stand Assembly

f) First, snap on the slide caps to the top of each tower tube. Then feed the connection cord from each **SST satellite** down through the tube. Next, slide each satellite speaker on to top of tower tube, making sure the cords are not being pinched. Finally, with the cord passing through the bottom of the tower tube, slide on each of the three stability legs. The cord should pass freely through the intersection of the three stablility legs.

g) Using the supplied 8" **Y adapter cord**, plug the pink end into the phono jack labeled "Rear Speakers" on the of back the **subwoofer**. Next, connect each of the rear satellite cords to their respective red or white RCA jack on the end of the 8" **Y adapter cord**; red to red, white to white.

NOTE: For proper positioning, the right rear speaker should be behind your right shoulder when facing your computer monitor, and the left rear speaker should be behind your left shoulder when facing your computer monitor.
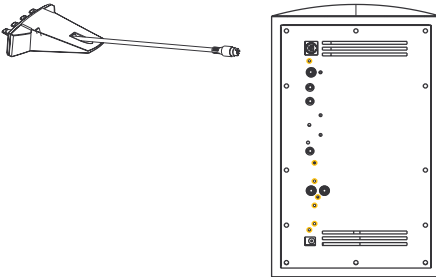
Back of **subwoofer**

❸

3. Input Panel Connections

h) Connect the system's **control pod** cable (blue) to the "Control" jack (also blue) on the back of the **subwoofer**.

> **STOP:** For step *'i'* you will need to carefully identify which type of sound card setup you have: *i1*, *i2*, *i3* or *i4.*
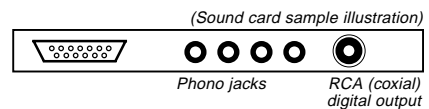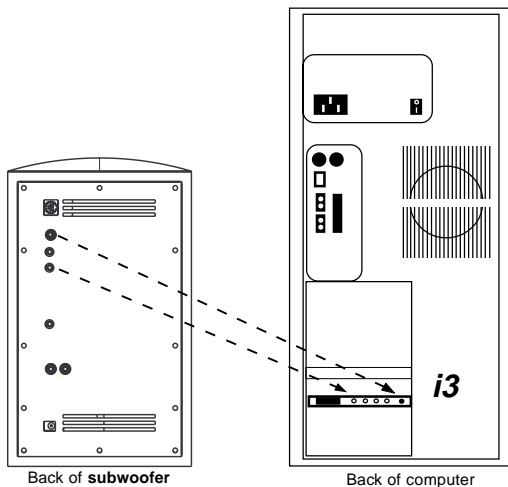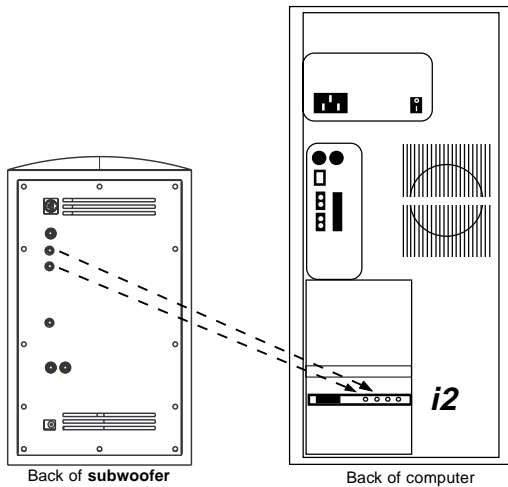
i1) **My sound card has 1 ANALOG OUTPUT:** Using your **unified stereo cable** (see part illustration in appendix), plug the green end into the **subwoofer**'s "Front Analog Input", and the opposite green end into the sound card's single audio output. You will not need the digital RCA cable or the purple and black ends of the unified cable for this setup. SPECIAL FEATURE: When operating as a 3-piece (or front channel input only), the system has the ability to create a Virtualized Dolby Surround effect; use Surround Vol.
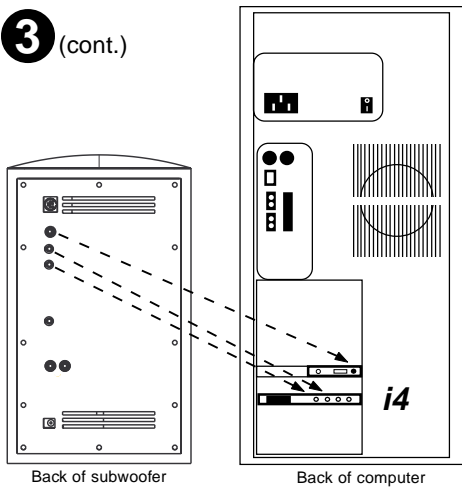
or

i2) **My sound card has 2 STEREO LINE OUTPUTS (4-channel):** For sound cards with a 4-channel gaming configuration, use your **unified stereo cable** (see part illustration in appendix). Connect the green and purple end of the **unified stereo cable** to the green and purple inputs at the **subwoofer** (these are labeled "Front" and "Rear" respectively on the back of the **subwoofer**). On the opposite end of the **unified stereo cable**, connect the green plug to the sound card's front output (normally labeled "1", "front" or green), and the black plug to the sound card's rear output (normally labeled "2", "rear" or black). You will not need your digital RCA cable for this setup.

Back of **subwoofer**

Back of computer

or

i3) **My sound card has 2 STEREO LINE OUTS and a DIGITAL (S/PDIF) OUT:** For sound cards with 2 stereo outputs and an added digital output on the same card, use the **unified stereo cable** supplied (see part illustration in appendix) and connect the purple end of the **unified stereo cable** to the **subwoofer**'s "Rear Analog Input". Connect the opposite black end of the **unified stereo cable** to the sound card's rear output (normally labeled "2", "rear" or black). You will not need to use either of the green ends with this setup. Next, using your **digital RCA cable** (see part illustration in appendix), connect one of the black ends to the **subwoofer**'s "Digital Input". The opposite end of this **digital RCA cable** should plug into your sound card's digital S/PDIF output. NOTE: It may be necessary to use the **RCA-to-phono adapter** (see part illustration in appendix) if your card's digital output is a phono jack instead of a coaxial.
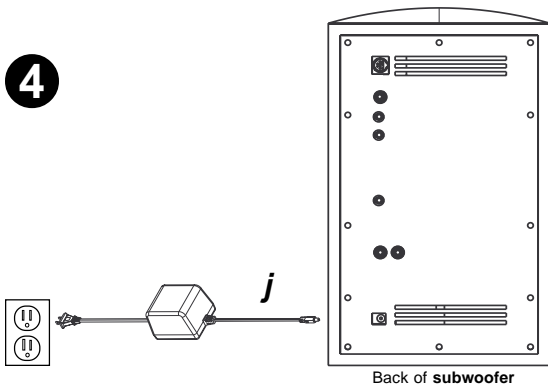
(Sound card sample illustration)

Phono jacks   *RCA (coxial) digital output*

Back of **subwoofer**
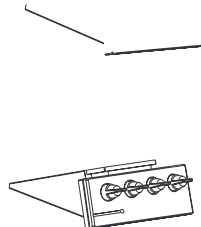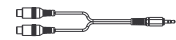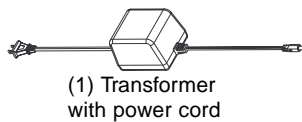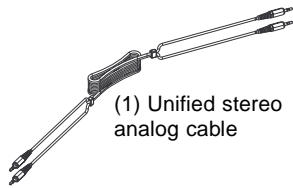
Back of computer

3 (cont.)

or

i4) **My sound card has 2 STEREO OUTPUTS with a SEPARATE DVD DECODER CARD:** Using the **unified stereo cable** (see part illustration in appendix below), connect the green and purple end of the **unified stereo cable** to the green and purple jacks on the back of the **subwoofer** (these are labeled "Front" and "Rear" respectively on the back of the subwoofer). On the opposite end of the **unified stereo cable**, connect the green plug to the sound card's front output (normally labeled "1", "front" or green), and the black plug to the sound card's rear output (normally labeled "2", "rear" or black). Next, using the **digital RCA cable** (see part illustration in appendix below), connect one of the black ends to the "Digital Input" on the back of the **subwoofer**. The opposite end of the **digital RCA cable** should connect to the DVD decoder card's digital S/PDIF out. NOTE: It may be necessary to use the **RCA-to-phono adapter** (see part illustration in appendix below).

i4

Back of subwoofer   Back of computer

4

j) Plug in **power cable/transformer** into back of **subwoofer** and any available AC outlet.

j

Back of **subwoofer**

Appendix: Parts included

(1) Unified stereo analog cable

(1) Transformer with power cord

(1) Digital RCA cable*

(1) RCA-to-phono adapter

(1) 8" *Y* adapter cord for rear speakers

(1) Pack of self-adhesive rubber feet for satellites

(1) Amplified and ported subwoofer

(4) Self-adhesive subwoofer feet

(4) SST™ satellite speakers

Limited Warranty

For one year from the date of purchase, Boston Acoustics **will repair for the original owner** any defect in materials or workmanship that occurs in normal use of the speaker system, without charge for parts and labor.

Your responsibilities are to use the system according to the instructions supplied, to provide safe and secure transportation to an authorized Boston Acoustics service representative and to present proof of purchase in the form of your sales slip when requesting service.

Excluded from this warranty is damage that may result from abuse, misuse, accidents, shipping, or repairs or modifications by anyone other than an authorized Boston Acoustics service representative.

This warranty is void if the serial number has been removed or defaced.

This warranty gives you specific legal rights, and you may also have other rights that may vary from state to state.

If Service Seems Necessary

Please, contact the retailer from whom you purchased the system. If that is not possible, write to:

Boston Acoustics, Inc., 300 Jubilee Drive, Peabody, MA 01960, or call 1-(978)-538-5000.

We will promptly advise you of what action to take. If it is necessary to return your speaker to the factory, please ship it prepaid. After it has been repaired, we will return it freight prepaid in the U.S. and Canada.

Notice of FCC Compliance

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This

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Peabody, MA 01960, USA
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www.bostonacoustics.com

042-001131-0